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The  
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*Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.*

*Therefore, this*

United States Patent

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*If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.*

*If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extension.*

*Bruce Lehman*

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*Melvinia Gary*  
Attest



US005764724A

**United States Patent**

[19]

**Ohlson****Patent Number:****5,764,724****[45] Date of Patent:****Jun. 9, 1998**

[54] **METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE STORAGE**

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[73] Assignee: **AO Medical Products AB**, Stockholm, Sweden

[21] Appl. No.: **776,392**

[22] PCT Filed: **Jul. 26, 1995**

[86] PCT No.: **PCT/SE95/00887**

§ 371 Date: **Jan. 28, 1997**

§ 102(e) Date: **Jan. 28, 1997**

[87] PCT Pub. No.: **WO96/03077**

PCT Pub. Date: **Feb. 8, 1996**

[30] **Foreign Application Priority Data**

**Jul. 28, 1994 [SE] Sweden .....** 9402589

[51] **Int. CL<sup>6</sup> .....** G03B 42/04

[52] **U.S. Cl. .....** 378/177; 378/167; 378/175

[58] **Field of Search .....** 378/177, 167, 378/175, 169, 170, 178, 179, 181, 208, 209, 187

[56] **References Cited**

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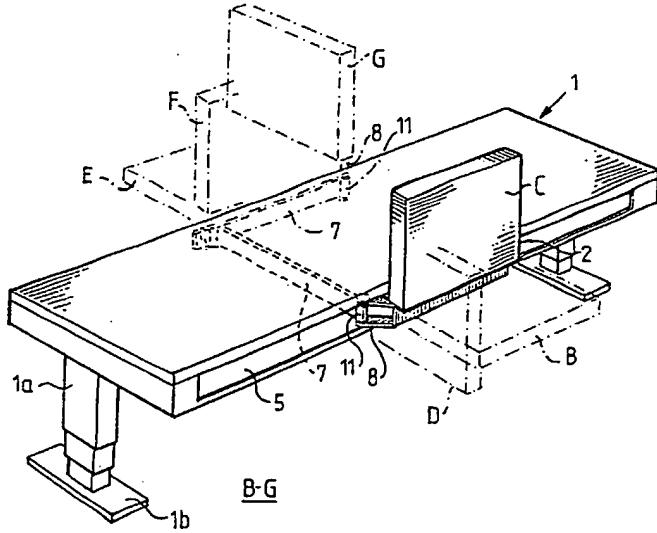
**Primary Examiner—Don Wong**

**Attorney, Agent, or Firm—Sughrue, Mion, Zinn, Macpeak & Seas, PLLC**

[57] **ABSTRACT**

A method of X-ray photography or a method of some other type of radiation sensing, such as electronic image storage, employs the use of a receptor unit (2) which can be swung outwards and upwards from an initial position in or beneath a patient support table (1) about alternative pivot centers (11, 12) disposed in the region of respective side edges of the table to alternative positions for operating with a horizontal beam path. The receptor unit can be swung out about a vertical axis from these positions in which it is parallel with the longitudinal direction of the table to a position in which it is parallel with the longitudinal direction of the table to a position in which the unit is perpendicular to the longitudinal axis of the table, to enable pictures to be taken of a patient seated in a wheelchair, for instance. The invention also relates to a patient support table (1) provided with a receptor unit (2) of this kind.

**19 Claims, 9 Drawing Sheets**



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